

## INDOOR UNITS MVD

### Cassette 4 ways DC2



- DC Fan Motor
- Digital display with possibility to turn it off
- Output of contribution to contiguous room
- Inlet for external air supply
- Condensate removal pump
- Possibility of limiting temperatures with the new 2-wire wired controls (WDC)
- Temperature setting of 0.5°C and 7 fan speeds (with RM12D and WDC controls)
- Control is not included




















#### TECHNICAL SPECIFICATIONS

Model			MVD-56Q4DN1	MVD-71Q4DN1	MVD-80Q4DN1	MVD-90Q4DN1	MVD-112Q4DN1	MVD-140Q4DN1
Code			CL23514	CL23515	CL23516	CL23517	CL23518	CL23519
Power supply			Ph, V, Hz	1N-, 220-240, 50	1N-, 220-240, 50	1N-, 220-240, 50	1N-, 220-240, 50	1N-, 220-240, 50
Cooling <sup>(1)</sup>	Capacity	kW	5.6	7.1	8.0	9.0	11.2	14.0
	Power consumption	W	31	46	48	75	75	94
Heating <sup>(2)</sup>	Capacity	kW	6.3	8.0	9.0	10.0	12.5	15.0
	Power consumption	W	31	46	48	75	75	94
Fan	Air flow rate <sup>(3)</sup>	m <sup>3</sup> /h	1029/957/899/857/801/756/704	1200/1132/1065/996/920/866/748	1264/1195/1117/1055/975/893/811	1596/1477/1365/1239/1154/1087/1034	1596/1477/1365/1239/1154/1087/1034	1727/1622/1517/1426/1351/1289/1224
	Sound pressure <sup>(4)</sup>	dB(A)	43/41/39/38/36/35/34	45/43/41/39/37/35/34	46/44/42/40/38/36/35	47/45/43/41/39/37/36	47/45/43/41/39/37/36	50/48/46/45/41/39/38
	Sound power	dB(A)	56/54/52/51/49/48/47	58/56/54/52/50/48/47	60/58/56/54/52/50/49	61/59/57/55/53/51/50	61/59/57/55/53/51/50	64/62/60/59/55/53/52
Indoor unit (body)	Dim. (W x H x D)	mm	840x230x840	904 x 230 x 840	904 x 230 x 840	840 x 300 x 840	840 x 300 x 840	840 x 300 x 840
	Weight	kg	23.2	24	24	28.4	28.4	30.7
Panel	Dim. (W x H x D)	mm	950x70x950	950 x 70 x 950	950 x 70 x 950	950 x 70 x 950	950 x 70 x 950	950 x 70 x 950
	Weight	kg	5.8	5.8	5.8	5.8	5.8	5.8
Outdoor air pre-inlet		mm	Ø75	Ø75	Ø75	Ø75	Ø75	Ø75
Drainage	Connection	mm	Ø32	Ø32	Ø32	Ø32	Ø32	Ø32
	Pump height <sup>(5)</sup>	mm	1000	1000	1000	1000	1000	1000
Connection pipes	Liquid Line	mm	9.52 (3/8")	9.52 (3/8")	9.52 (3/8")	9.52 (3/8")	9.52 (3/8")	9.52 (3/8")
	Gas Line	mm	15.9 (5/8")	15.9 (5/8")	15.9 (5/8")	15.9 (5/8")	15.9 (5/8")	15.9 (5/8")
Electrical connections <sup>(6)</sup>	Wiring Power	mm <sup>2</sup>	2 x 2.5 + T (L < 20m)					
	Signal wiring	mm <sup>2</sup>	3 x 0.75 (shielded)					

- Notes: <sup>(1)</sup> Nominal cooling conditions: Indoor 27°C DB, 19 °C WB and outdoor 35 °C DB, 24°C WB, pipe length of 7.5m and a height difference of 0 m.  
<sup>(2)</sup> Nominal heating conditions: Indoor 20 °C DB, 15 °C WB and outdoor 7 °C DB, 6 °C WB, pipe length of 7.5m and a height difference of 0 m.  
<sup>(3)</sup> Air flow from the highest to the lowest speed, in total each equipment has 7 speeds.  
<sup>(4)</sup> Sound pressure from the highest to the lowest speed, in total each equipment has 7 speeds. Measured 1.4 m below the unit in a semi-anechoic chamber.  
<sup>(5)</sup> Maximum height from the base of the unit with elbow 90° to 200 mm max.  
<sup>(6)</sup> Power wiring recommended for L < 20 m, for longer distances it should be calculated.

#### OPTIONALS

More information about the options in the section "CONTROL SYSTEMS"

<b>Wireless control</b>		<b>Wired remote control</b>			
 <b>RM12D</b> (CL 97 821)	 <b>WDC-120G/WK</b> (CL 97 810)	 <b>WDC-86E/KD</b> (CL 97 811)	 <b>KJR-29B1/BK-E</b> (CL 92 869)	 <b>KJR-86C-E</b> (CL 92 870)	
<b>Integral control<sup>(1)</sup></b>		<b>BMS<sup>(1)</sup></b>			
 <b>IMM4</b> (CL 97 160-163)	 <b>CCM08/E</b> (CL 92 915)	 <b>LONGW64/E</b> (CL 92 877)	 <b>MD-AC-MBS</b> (CL 99 097/ CL 99 114-116)	 <b>MD-AC-KNX</b> (CL 94 792 / CL 99 094-095)	 <b>IS-IR-KNX-1i</b> (CL 99 096)
<b>Centralized control<sup>(1)</sup></b>			<b>WIFI</b>	<b>Accessories</b>	
 <b>CCM180A/BWS</b> (CL 97 800)	 <b>CCM270A/BWS</b> (CL 97 801)	 <b>CCM30/BKE</b> (CL 92 871)	 <b>CCM15</b> (CL 92 872)	 <b>K-380EW</b> (CO 14 907)	 <b>ON/OFF CONNECTOR</b> (CL 94 398)

(1) Can only be connected via the outdoor unit